

**ABSTRACT OF THE DISCLOSURE**

5       An adjustable well screen assembly having a pipe which is  
connectable to a production pipe, wherein the pipe comprises a  
hole extending from the ID of the pipe to the OD of the pipe;  
a screen connected to the pipe adjacent the hole of the pipe;  
a valve connected to the pipe, wherein the valve controls  
10 fluid flow through the hole of the pipe; a valve motor  
mechanically connected to the valve, wherein the valve motor  
opens and closes the valve; and a valve controller  
communicatively connected to the valve motor, wherein the  
valve controller instructs the valve motor as to a  
15 configuration of the valve.